



## Core drilling: the future of plumbing

Core drilling technology now gives every plumber the additional capability to plumb new and existing building speedily and efficiently – at a very low entry level cost. This is according to Darryl Gray and Brian Clark, co-directors and founders of Diamond Products, an innovative company specialising in core drilling technology.

**T**he technology revolves around high speed drilling of electrical, plumbing and fire services holes through concrete or masonry using a diamond impregnated core drill. Drilling is performed with minimum pressure and no hammer action for optimum drill life.

The company imports and supplies the high quality Shibiya core drilling machines, and also manufactures a comprehensive range of diamond impregnated core drills at its Jet Park factory to standard as well as customised sizes.

"The beauty of core drilling," says Gray, "is that the technology benefits designer, main contractor and plumbing contractor alike – due to its high all-round efficiency. For example, no chipping and hammering to create channels is required; core drilling leaves clean entry and exit holes – making subsequent sealing easy and neat. The drilling system is light weight and easy to use and is available at very little cost. And no sub-contractor required."

"Core drilling is perfectly suited to both old and new buildings," says Brian Clark. "Sleeves located in the formwork during



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Brian Clark and Darryl Gray, co-directors and founders of Diamond Products

construction of new buildings often tend to shift and sometimes become blocked, creating serious service finishing problems. Designers and contractors alike understand that service apertures are best drilled on site as needed, after construction – as this is a quick, accurate, neat and efficient process."

"The market is warming to the ease of transition to this new and efficient way of working, its ease of operation together with its significant advantages," continued Clark.

Numerous construction and retrofit projects employing Diamond Products' core drilling technology are in progress across the country at any one time. One such projects is Houghton Estate where service holes are being drilled by leading plumbing company, Purple Moss Plumbing:

"The service provided by Diamond Products is second to none," says Purple Moss managing director, Martin Marks. "They go out of their way to ensure that any problems we may encounter with the core barrels are attended to immediately.

Diamond Products is also the only company that repairs barrel segments, which ultimately prolongs the lifespan of the barrel, and reduces overall costs. What's more, they are the only supplier capable of producing custom-made barrels up to 2,5 m in length, which is crucial to our operation."

Standard core drill sizes range from 12 mm right up to 1,2 m and are capable of addressing reticulation requirements and large projects. Specialised requirement can be made up at the factory within a one-to-two day turn around time. ■

